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May 18, 2004

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 3746

Re: U.S. Utility Patent Application
Application No. 10/706,008; Filed: November 13, 2003
For: **Integrated Turbine Power Generation System With Catalytic Reactor**
Inventors: Willis *et al.*
Our Ref: 2066.0230002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. First Supplemental Information Disclosure Statement;
2. Listing of cited documents on Form PTO-1449 (14 pages);
3. Copies of twelve (12) cited documents (AL1, AM1, AN1 AO1, AP1, AR1, AS1, AT1, AL2, AM2, AN2, and AO2); and
4. One Return Postcard.


It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
May 18, 2004
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Virgil L. Beaton
Attorney for Applicants
Registration No. 47,415

VLB/mhd

263560



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Willis *et al.*

Appl. No.: 10/706,008

Filed: November 13, 2003

For: **Integrated Turbine Power
Generation System With Catalytic
Reactor**

Confirmation No.: 6536

Art Unit: 3746

Examiner: *To Be Assigned*

Atty. Docket: 2066.0230002

First Supplemental Information Disclosure Statement

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- ☒ 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - ☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first

cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

☐ c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p).

☐ 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

☐ a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- ☐ b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 6. A concise explanation of the relevance of the non-English language document(s) appears below:
- ☒ 7. Copies of the documents AL1, AM1, AN1 AO1, AP1, AR1, AS1, AT1, AL2, AM2, AN2, and AO2 are submitted herewith.
- ☐ 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. _____, filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

- ☒ 9. No copies of U.S. patents and patent application publications cited on the attached Form PTO-1449 are submitted in accordance with 1276 OG 55 because this application was filed after June 30, 2003.
- ☒ 10. It is expected that the examiner will review the prosecution and cited art in the parent application nos. 09/933,663, filed August 22, 2001; 09/772,537, filed January 29, 2001; 09/420,494, filed October 19, 1999; and 09/207,817, filed December 8, 1998, in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

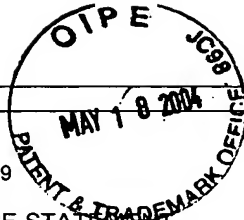
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Virgil L. Beaton
Attorney for Applicants
Registration No. 47,415

Date: 5/18/2004

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Washington, D.C. 20005-3934
(202) 371-2600



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2066.0230002

APPLICATION NO.
10/706,008

FIRST NAMED INVENTOR
Jeffrey W. WILLIS

FILING DATE
November 13, 2003

ART UNIT
3746

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-----------------------|-------|-----------|-------------|
| | AA1 | 2,864,244 | 12/1958 | Prachar | | | |
| | AB1 | 3,124,924 | 3/1964 | Smith. | | | |
| | AC1 | 3,250,973 | 5/1966 | Dawson | | | |
| | AD1 | 3,569,809 | 3/1971 | Comer | | | |
| | AE1 | 3,591,844 | 7/1971 | Schonebeck | | | |
| | AF1 | 3,703,076 | 11/1972 | Hagemeister | | | |
| | AG1 | 3,724,214 | 4/1973 | Bryant | | | |
| | AH1 | 3,764,815 | 10/1973 | Habock <i>et al.</i> | | | |
| | AI1 | 3,809,914 | 5/1974 | Kilgore <i>et al.</i> | | | |
| | AJ1 | 3,829,758 | 8/1974 | Studtmann | | | |
| | AK1 | 3,937,974 | 2/1976 | Lafuze | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|---------|---------|-------|-----------|-------------|
| | AL1 | 0 472 294 | 2/1992 | EP | | | Yes No |
| | AM1 | 0 679 800 | 11/1995 | EP | | | Yes No |
| | AN1 | 0 837 231 | 4/1998 | EP | | | Yes No |
| | AO1 | 0 901 218 | 3/1999 | EP | | | Yes No |
| | AP1 | WO 94/27359 | 11/1994 | WO | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|----|---|---|
| AR | 1 | Japanese Patent Application entitled "Turbogenerator/Motor Control System"; filed May 13, 1999, Japanese Serial No. 133003/1999. |
| AS | 1 | Japanese Patent Application entitled "Command and Control System and Method for Multiple Turbogenerators", filed October 27, 1999, Japanese Serial No. 305375/1999. |
| AT | 1 | Japanese Patent Application entitled "Turbogenerator/Motor Controller", filed August 4, 1998, Japanese Serial No.220231/1998. |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
2066.0230002APPLICATION NO.
10/706,008FIRST NAMED INVENTOR
Jeffrey W. WILLISFILING DATE
November 13, 2003ART UNIT
3746**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|------------------------------|-------|-----------|-------------|
| | AA2 | 3,991,357 | 11/1976 | Kaminski | | | |
| | AB2 | 4,005,581 | 2/1977 | Aanstad | | | |
| | AC2 | 4,015,187 | 3/1977 | Sasaki <i>et al.</i> | | | |
| | AD2 | 4,039,914 | 8/1977 | Steigerwald <i>et al.</i> | | | |
| | AE2 | 4,093,869 | 6/1978 | Hoffmann <i>et al.</i> | | | |
| | AF2 | 4,119,861 | 10/1978 | Gocho | | | |
| | AG2 | 4,258,424 | 3/1981 | Giras <i>et al.</i> | | | |
| | AH2 | 4,265,099 | 5/1981 | Johnson <i>et al.</i> | | | |
| | AI2 | 4,292,534 | 9/1981 | Diegel <i>et al.</i> | | | |
| | AJ2 | 4,340,820 | 7/1982 | Meyer-Pittroff <i>et al.</i> | | | |
| | AK2 | 4,401,938 | 8/1983 | Cronin | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|---------|---------|-------|-----------|-------------|
| | AL2 | WO 98/25014 | 6/1998 | WO | | | Yes No |
| | AM2 | WO 99/32762 | 7/1999 | WO | | | Yes No |
| | AN2 | WO 99/52193 | 10/1999 | WO | | | Yes No |
| | AO2 | WO 00/28191 | 5/2000 | WO | | | Yes No |
| | AP2 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | 2 | |
| | AS | 2 | |
| | AT | 2 | |

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November 13, 2003

ART UNIT

3746

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-----------------------|-------|-----------|-------------|
| | AA3 | 4,442,385 | 4/1984 | Van Sickle | | | |
| | AB3 | 4,471,229 | 9/1984 | Plohn <i>et al.</i> | | | |
| | AC3 | 4,481,459 | 11/1984 | Mehl <i>et al.</i> | | | |
| | AD3 | 4,498,551 | 2/1985 | Arbisi | | | |
| | AE3 | 4,551,980 | 11/1985 | Bronicki | | | |
| | AF3 | 4,560,364 | 12/1985 | Cohen | | | |
| | AG3 | 4,565,957 | 1/1986 | Gary <i>et al.</i> | | | |
| | AH3 | 4,684,814 | 8/1987 | Radomski | | | |
| | AI3 | 4,709,318 | 11/1987 | Gephart <i>et al.</i> | | | |
| | AJ3 | 4,719,550 | 1/1988 | Powell <i>et al.</i> | | | |
| | AK3 | 4,730,397 | 3/1988 | Weiford <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL3 | | | | | | Yes No |
| | AM3 | | | | | | Yes No |
| | AN3 | | | | | | Yes No |
| | AO3 | | | | | | Yes No |
| | AP3 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>3</u> | |
| | AS | <u>3</u> | |
| | AT | <u>3</u> | |

EXAMINER

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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. 2066.0230002 | APPLICATION NO. 10/706,008 |
| | FIRST NAMED INVENTOR Jeffrey W. WILLIS | |
| | FILING DATE November 13, 2003 | ART UNIT 3746 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|------------------------|-------|-----------|-------------|
| | AA4 | 4,754,607 | 7/1988 | Mackay | | | |
| | AB4 | 4,757,686 | 7/1988 | Kawamura <i>et al.</i> | | | |
| | AC4 | 4,772,802 | 9/1988 | Glennon <i>et al.</i> | | | |
| | AD4 | 4,786,852 | 11/1988 | Cook | | | |
| | AE4 | 4,802,882 | 2/1989 | Heidrich | | | |
| | AF4 | 4,830,412 | 5/1989 | Raad <i>et al.</i> | | | |
| | AG4 | 4,833,887 | 5/1989 | Kawamura <i>et al.</i> | | | |
| | AH4 | 4,841,216 | 6/1989 | Okada <i>et al.</i> | | | |
| | AI4 | 4,862,009 | 8/1989 | King | | | |
| | AJ4 | 4,883,973 | 11/1989 | Lakey <i>et al.</i> | | | |
| | AK4 | 4,908,565 | 3/1990 | Cook <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL4 | | | | | | Yes No |
| | AM4 | | | | | | Yes No |
| | AN4 | | | | | | Yes No |
| | AO4 | | | | | | Yes No |
| | AP4 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>4</u> | |
| | AS | <u>4</u> | |
| | AT | <u>4</u> | |

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| | FIRST NAMED INVENTOR Jeffrey W. WILLIS | |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|----------------------|-------|-----------|-------------|
| | AA5 | 4,939,441 | 7/1990 | Dhyanchand | | | |
| | AB5 | 4,955,199 | 9/1990 | Kawamura | | | |
| | AC5 | 4,967,096 | 10/1990 | Diemer <i>et al.</i> | | | |
| | AD5 | 4,968,926 | 11/1990 | Dhyanchand | | | |
| | AE5 | 4,982,569 | 1/1991 | Bronicki | | | |
| | AF5 | 5,013,929 | 5/1991 | Dhyanchand | | | |
| | AG5 | 5,015,941 | 5/1991 | Dhyanchand | | | |
| | AH5 | 5,029,062 | 7/1991 | Capel | | | |
| | AI5 | 5,038,566 | 8/1991 | Hara | | | |
| | AJ5 | 5,055,764 | 10/1991 | Rozman <i>et al.</i> | | | |
| | AK5 | 5,057,763 | 10/1991 | Torii <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL5 | | | | | | Yes No |
| | AM5 | | | | | | Yes No |
| | AN5 | | | | | | Yes No |
| | AO5 | | | | | | Yes No |
| | AP5 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>5</u> | |
| | AS | <u>5</u> | |
| | AT | <u>5</u> | |

EXAMINER

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| | FIRST NAMED INVENTOR Jeffrey W. WILLIS | |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-------------------------|-------|-----------|-------------|
| | AA6 | 5,068,590 | 11/1991 | Glennon <i>et al.</i> | | | |
| | AB6 | 5,088,286 | 2/1992 | Muraji | | | |
| | AC6 | 5,097,195 | 3/1992 | Raad <i>et al.</i> | | | |
| | AD6 | 5,115,183 | 5/1992 | Kyoukane <i>et al.</i> | | | |
| | AE6 | 5,158,504 | 10/1992 | Stocco | | | |
| | AF6 | 5,191,520 | 3/1993 | Eckersley | | | |
| | AG6 | 5,214,371 | 5/1993 | Naidu | | | |
| | AH6 | 5,237,260 | 8/1993 | Takakado <i>et al.</i> | | | |
| | AI6 | 5,250,890 | 10/1993 | Tanamachi <i>et al.</i> | | | |
| | AJ6 | 5,252,860 | 10/1993 | McCarty <i>et al.</i> | | | |
| | AK6 | 5,260,637 | 11/1993 | Pizzi | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL6 | | | | | | Yes No |
| | AM6 | | | | | | Yes No |
| | AN6 | | | | | | Yes No |
| | AO6 | | | | | | Yes No |
| | AP6 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | |
|--|----|----------|--|
| | AR | <u>6</u> | |
| | AS | <u>6</u> | |
| | AT | <u>6</u> | |

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| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|--------------------------|-------|-----------|-------------|
| | AA7 | 5,281,905 | 1/1994 | Dhyanchand <i>et al.</i> | | | |
| | AB7 | 5,291,106 | 3/1994 | Murty <i>et al.</i> | | | |
| | AC7 | 5,309,081 | 5/1994 | Shah <i>et al.</i> | | | |
| | AD7 | 5,325,043 | 6/1994 | Parro | | | |
| | AE7 | 5,345,154 | 9/1994 | King | | | |
| | AF7 | 5,363,032 | 11/1994 | Hanson <i>et al.</i> | | | |
| | AG7 | 5,364,309 | 11/1994 | Heidrich <i>et al.</i> | | | |
| | AH7 | 5,373,195 | 12/1994 | De Doncker <i>et al.</i> | | | |
| | AI7 | 5,381,081 | 1/1995 | Radun | | | |
| | AJ7 | 5,387,859 | 2/1995 | Murugan <i>et al.</i> | | | |
| | AK7 | 5,404,092 | 4/1995 | Gegner | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL7 | | | | | | Yes No |
| | AM7 | | | | | | Yes No |
| | AN7 | | | | | | Yes No |
| | AO7 | | | | | | Yes No |
| | AP7 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>7</u> | |
| | AS | <u>7</u> | |
| | AT | <u>7</u> | |

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
2066.0230002APPLICATION NO.
10/706,008FIRST NAMED INVENTOR
Jeffrey W. WILLISFILING DATE
November 13, 2003ART UNIT
3746**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|-----|--------------------|---------|-----------------------|-------|-----------|-------------|
| | AA8 | 5,406,797 | 4/1995 | Kawamura | | | |
| | AB8 | 5,428,275 | 6/1995 | Carr <i>et al.</i> | | | |
| | AC8 | 5,430,362 | 7/1995 | Carr <i>et al.</i> | | | |
| | AD8 | 5,477,091 | 12/1995 | Fiorina <i>et al.</i> | | | |
| | AE8 | 5,488,286 | 1/1996 | Rozman <i>et al.</i> | | | |
| | AF8 | 5,495,162 | 2/1996 | Rozman <i>et al.</i> | | | |
| | AG8 | 5,495,163 | 2/1996 | Rozman <i>et al.</i> | | | |
| | AH8 | 5,510,696 | 4/1996 | Naidu <i>et al.</i> | | | |
| | AI8 | 5,512,811 | 4/1996 | Latos <i>et al.</i> | | | |
| | AJ8 | 5,544,484 | 8/1996 | Voss <i>et al.</i> | | | |
| | AK8 | 5,545,090 | 8/1996 | Kirschey | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL8 | | | | | | Yes No |
| | AM8 | | | | | | Yes No |
| | AN8 | | | | | | Yes No |
| | AO8 | | | | | | Yes No |
| | AP8 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | <u>8</u> | |
| | AS | <u>8</u> | |
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FORM PTO-1449

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2066.0230002APPLICATION NO.
10/706,008FIRST NAMED INVENTOR
Jeffrey W. WILLISFILING DATE
November 13, 2003ART UNIT
3746

U.S. PATENT DOCUMENTS

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|---------------------|-----|--------------------|---------|-------------------------|-------|-----------|-------------|
| | AA9 | 5,546,742 | 8/1996 | Shekhawat <i>et al.</i> | | | |
| | AB9 | 5,550,410 | 8/1996 | Titus | | | |
| | AC9 | 5,550,455 | 8/1996 | Baker | | | |
| | AD9 | 5,559,421 | 9/1996 | Miyakawa | | | |
| | AE9 | 5,563,802 | 10/1996 | Plahn <i>et al.</i> | | | |
| | AF9 | 5,568,023 | 10/1996 | Grayer <i>et al.</i> | | | |
| | AG9 | 5,572,108 | 11/1996 | Windes | | | |
| | AH9 | 5,581,168 | 12/1996 | Rozman <i>et al.</i> | | | |
| | AI9 | 5,587,647 | 12/1996 | Bansal <i>et al.</i> | | | |
| | AJ9 | 5,594,322 | 1/1997 | Rozman <i>et al.</i> | | | |
| | AK9 | 5,637,987 | 6/1997 | Fattic <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|-----|--------------------|------|---------|-------|-----------|-------------|
| | AL9 | | | | | | Yes No |
| | AM9 | | | | | | Yes No |
| | AN9 | | | | | | Yes No |
| | AO9 | | | | | | Yes No |
| | AP9 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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FORM PTO-1449

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APPLICATION NO.

10/706,008

FIRST NAMED INVENTOR

Jeffrey W. WILLIS

FILING DATE

November 13, 2003

ART UNIT

3746

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|------|--------------------|---------|-----------------------|-------|-----------|-------------|
| | AA10 | 5,646,458 | 7/1997 | Bowyer <i>et al.</i> | | | |
| | AB10 | 5,656,915 | 8/1997 | Eaves | | | |
| | AC10 | 5,743,227 | 4/1998 | Jacquet <i>et al.</i> | | | |
| | AD10 | 5,767,637 | 6/1998 | Lansberry | | | |
| | AE10 | 5,789,881 | 8/1998 | Egami <i>et al.</i> | | | |
| | AF10 | 5,799,484 | 9/1998 | Nims | | | |
| | AG10 | 5,819,524 | 10/1998 | Bosley <i>et al.</i> | | | |
| | AH10 | 5,847,522 | 12/1998 | Barba | | | |
| | AI10 | 5,903,116 | 5/1999 | Geis <i>et al.</i> | | | |
| | AJ10 | 5,905,346 | 5/1999 | Yamada <i>et al.</i> | | | |
| | AK10 | 5,929,537 | 7/1999 | Glennon | | | |

FOREIGN PATENT DOCUMENTS

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|---------------------|------|--------------------|------|---------|-------|-----------|-------------|
| | AL10 | | | | | | Yes No |
| | AM10 | | | | | | Yes No |
| | AN10 | | | | | | Yes No |
| | AO10 | | | | | | Yes No |
| | AP10 | | | | | | Yes No |

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FORM PTO-1449

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APPLICATION NO.

10/706,008

FIRST NAMED INVENTOR

Jeffrey W. WILLIS

FILING DATE

November 13, 2003

ART UNIT

3746

U.S. PATENT DOCUMENTS

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|---------------------|------|--------------------|---------|------------------------|-------|-----------|-------------|
| | AA11 | 5,936,312 | 8/1999 | Koide <i>et al.</i> | | | |
| | AB11 | 5,939,794 | 8/1999 | Sakai <i>et al.</i> | | | |
| | AC11 | 5,946,086 | 8/1999 | Bruce | | | |
| | AD11 | 5,982,645 | 11/1999 | Levrant <i>et al.</i> | | | |
| | AE11 | 5,998,976 | 12/1999 | Steffan | | | |
| | AF11 | 6,005,297 | 12/1999 | Sasaki <i>et al.</i> | | | |
| | AG11 | 6,020,713 | 2/2000 | Geis <i>et al.</i> | | | |
| | AH11 | 6,023,135 | 2/2000 | Gilbreth <i>et al.</i> | | | |
| | AI11 | 6,031,294 | 2/2000 | Geis <i>et al.</i> | | | |
| | AJ11 | 6,051,951 | 4/2000 | Arai <i>et al.</i> | | | |
| | AK11 | 6,054,776 | 4/2000 | Sumi | | | |

FOREIGN PATENT DOCUMENTS

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|---------------------|------|--------------------|------|---------|-------|-----------|-------------|
| | AL11 | | | | | | Yes No |
| | AM11 | | | | | | Yes No |
| | AN11 | | | | | | Yes No |
| | AO11 | | | | | | Yes No |
| | AP11 | | | | | | Yes No |

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| | AR | <u>11</u> | |
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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. 2066.0230002 | APPLICATION NO. 10/706,008 |
| | FIRST NAMED INVENTOR Jeffrey W. WILLIS | |
| | FILING DATE November 13, 2003 | ART UNIT 3746 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|------|--------------------|---------|-------------------------|-------|-----------|-------------|
| | AA12 | 6,064,122 | 5/2000 | McConnell | | | |
| | AB12 | 6,087,734 | 7/2000 | Maeda <i>et al.</i> | | | |
| | AC12 | 6,107,775 | 8/2000 | Rice <i>et al.</i> | | | |
| | AD12 | 6,147,414 | 11/2000 | McConnell <i>et al.</i> | | | |
| | AE12 | 6,153,942 | 11/2000 | Roseman <i>et al.</i> | | | |
| | AF12 | 6,169,332 B1 | 1/2001 | Taylor <i>et al.</i> | | | |
| | AG12 | 6,169,334 B1 | 1/2001 | Edelman | | | |
| | AH12 | 6,175,210 B1 | 1/2001 | Schwartz <i>et al.</i> | | | |
| | AI12 | 6,194,794 B1 | 2/2001 | Lampe <i>et al.</i> | | | |
| | AJ12 | 6,093,975 | 7/2000 | Peticolas | | | |
| | AK12 | 6,526,757 | 03/2003 | Mackay | | | |

FOREIGN PATENT DOCUMENTS

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|---------------------|------|--------------------|------|---------|-------|-----------|-------------|
| | AL12 | | | | | | Yes No |
| | AM12 | | | | | | Yes No |
| | AN12 | | | | | | Yes No |
| | AO12 | | | | | | Yes No |
| | AP12 | | | | | | Yes No |

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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. 2066.0230002 | APPLICATION NO. 10/706,008 |
| | FIRST NAMED INVENTOR Jeffrey W. WILLIS | |
| | FILING DATE November 13, 2003 | ART UNIT 3746 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|------|-----------------|---------|---------------------|-------|-----------|-------------|
| | AA13 | 6,606,864 | 08/2003 | Mackay | | | |
| | AB13 | 3,500,105 | 02/1971 | Clifford | | | |
| | AC13 | 3,623,317 | 11/1971 | Foster-Pegg | | | |
| | AD13 | 4,062,184 | 12/1977 | Hagen | | | |
| | AE13 | 4,724,670 | 02/1988 | Greer | | | |
| | AF13 | 4,781,527 | 11/1988 | Miller | | | |
| | AG13 | 4,785,624 | 11/1988 | Smith <i>et al.</i> | | | |
| | AH13 | 2,772,636 | 12/1956 | Yates | | | |
| | AI13 | 3,161,020 | 12/1964 | LaHaye | | | |
| | AJ13 | 3,313,103 | 01/1967 | Johnson | | | |
| | AK13 | 4,039,804 | 08/1977 | Reed <i>et al.</i> | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|------------------|------|-----------------|------|---------|-------|-----------|-------------|
| | AL13 | | | | | | Yes No |
| | AM13 | | | | | | Yes No |
| | AN13 | | | | | | Yes No |
| | AO13 | | | | | | Yes No |
| | AP13 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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FORM PTO-1449

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2066.0230002APPLICATION NO.
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November 13, 2003ART UNIT
3746

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|------|--------------------|---------|------------------------|-------|-----------|-------------|
| | AA14 | 6,487,096 | 11/2002 | Gilbreth <i>et al.</i> | | | |
| | AB14 | 20020099476 | 07/2002 | Hamrin <i>et al.</i> | | | |
| | AC14 | 3,313,103 | 04/1967 | Johnson | | | |
| | AD14 | 3,740,948 | 01/1973 | Kellett | | | |
| | AE14 | 5,490,376 | 02/1996 | Van Der Burgt | | | |
| | AF14 | 6,003,297 | 12/1999 | Ziener | | | |
| | AG14 | 2,285,976 | 06/1942 | Huitson | | | |
| | AH14 | 3,396,083 | 03/1946 | Chase | | | |
| | AI14 | | | | | | |
| | AJ14 | | | | | | |
| | AK14 | | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|------|--------------------|------|---------|-------|-----------|-------------|
| | AL14 | | | | | | Yes No |
| | AM14 | | | | | | Yes No |
| | AN14 | | | | | | Yes No |
| | AO14 | | | | | | Yes No |
| | AP14 | | | | | | Yes No |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AS | <u>14</u> | |
| | AT | <u>14</u> | |

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